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**Automatic summary page creation and hyperlink generation - all 3 versions »**

BR Sotomayor - US Patent 5,708,825, 1998 - freepatentsonline.com

... An HTML **document** is generated by **scanning** the IPF, one ... are selected), the concept, key-phrase and abstract key-topic lists are **scanned** to identify ...

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**Automatic Hypertext Conversion of Paper Document Collections - all 12 versions »**

A Myka, U Guntzer - Digital Libraries: Current Issues: Digital Libraries ..., 1995 - books.google.com

... done by means of a LEX **scanner** and a ... The **automatic** detection of such cues within original electronic ... patterns only within an optically **scanned document** is more ...

[Cited by 13](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Linking in context - all 18 versions »**

SR El-Beltagy, W Hall, D De Roure, L Carr - Proceedings of the twelfth ACM conference on Hypertext and ..., 2001 - portal.acm.org

... use the complete source anchor text and **scan** backwards and ... words in a **document** are **scanned** and compared ... based on the context identifier given to that **document**. ...

[Cited by 60](#) - [Related Articles](#) - [Web Search](#)

**Automatic construction and management of large open webs - all 6 versions »**

P Thistlewaite - Information Processing and Management, 1997 - Elsevier

... Page 9. **Automatic** construction and management of large open webs 169 ... is "embedded" in the output byte stream during a single **scan** over the source **document**. ...

[Cited by 37](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Queue management system for a multi-function copier, printer, and facsimile machine - all 2 versions »**

EM Paradise, ER Monkelbaan - US Patent 4,947,345, 1990 - freepatentsonline.com

... For **automatic scanning** operating, **scan** carriage 105 is retained in the park position 107 and the **document(s)** to be **scanned**, which rest on inclined ...

[Cited by 65](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

**[PS] Integrating natural language generation and hypertext to produce dynamic documents - all 6 versions »**

R Dale, J Oberlander, M Milosavljevic, A Knott - Interacting with Computers, 1998 - cs.otago.ac.nz

... In summary, natural language **generation** techniques provide effective ... of the **document** source) are inter{correlated on ... based vectors, and a **link** is formed between ...

[Cited by 39](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Computer method and apparatus for clustering documents and automatic generation of cluster keywords - all 3 versions »**

S Vaithyanathan, MR Adler, CG Hill - US Patent 5,857,179, 1999 - freepatentsonline.com

... Export Citation: Click for **automatic** bibliography **generation**. Assignee ... the cluster summaries 104A-F. The **document** titles 106A ... F allow the user to **scan** the titles ...

[Cited by 43](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

**A framework for digital library research - all 3 versions »**

D Soergel - D-Lib Magazine, 2002 - dlib.org

... on or images they **scan** from their ... for example, multi-valent **documents** [17 ... **Automatic** markup; **Automatic link generation**, including parsing bibliographic citation ...

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[System and method for \*\*automatic document\*\* segmentation - all 2 versions »](#)

JA Westdijk - US Patent 5,073,953, 1991 - freepatentsonline.com

... The **document** is **scanned** by a **scanner** 22, and the digital values representing the grey levels of the individual pixels are stored in a bitmap. ...

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[Drudgery and deep thought - all 12 versions »](#)

G Crane, RF Chavez, A Mahoney, TL Milbank, JA ... - Communications of the ACM, 2001 - portal.acm.org

... editors to configure the appearance of **documents** for different ... in Greek or Latin are **scanned** for word ... on our experience with **automatic link generation** and with ...

[Cited by 24](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Key authors: [B Sotomayor](#) - [W Hall](#) - [E Paradise](#) - [S El-Beltagy](#) - [C Gutwin](#)

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[PS] [Microcosm: An open hypermedia environment for information integration - all 9 versions »](#)

H Davis, W Hall, I Heath, G Hill, R Wilkins - Proc. ECHT, 1992 - mmrg.ecs.soton.ac.uk

... to show-links the viewer would **scan** the visible ... The most recent version of a **document** must always be ... Where **automatic** processes such as the algorithm above have ...

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[Automatic summary page creation and hyperlink generation - all 3 versions »](#)

BR Sotomayor - US Patent 5,708,825, 1998 - freepatentsonline.com

... which is relevant to the present invention is the **automatic** semantic analysis of ...

7. The IPF paragraph objects for the source **document** 20 is **scanned** to find ...

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[Automatic construction and management of large open webs - all 6 versions »](#)

P Thistlewaite - Information Processing and Management, 1997 - Elsevier

... Page 9. **Automatic** construction and management of large open webs 169 ... is "embedded" in the output byte stream during a single **scan** over the source **document**. ...

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[PS] [An ODA/Dexter hyperdocument system with automated link definition - all 7 versions »](#)

M Worring, R Buitenhuis, AWM Smeulders - VDB III, Lausanne, 1995 - staff.science.uva.nl

... **scanner** ... legend with < icon label > - < string > pairs is present in the paper **document**. ...

A simple **automatic link** denition is on the basis of user dened keywords ...

[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Drudgery and deep thought - all 12 versions »](#)

G Crane, RF Chavez, A Mahoney, TL Milbank, JA ... - Communications of the ACM, 2001 - portal.acm.org

... The texts in Greek or Latin are **scanned** for word ... it is possible to generate **automatic links** between various ... 2. Crane, G. Designing **documents** to enhance the ...

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[A framework for digital library research - all 3 versions »](#)

D Soergel - D-Lib Magazine, 2002 - dlib.org

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[Entry points into a smart campus environment-overview of the ETHOC system - all 10 versions](#)

»

M Rohs, R Bohn - Distributed Computing Systems Workshops, 2003. Proceedings. ..., 2003 - ieeeexplore.ieee.org

... operation later on, including an **automatic** synchronization of ... a small and handy wireless bar- code **scanner**. ... system we mainly dealt with **document-type** objects ...

[Cited by 17](#) - [Related Articles](#) - [Web Search](#)

[Method and apparatus for the automatic generation of boundary scan description language files - all 2 versions »](#)

DW Raymond, DE Wedge, PJ Stringer - US Patent 5,682,392, 1997 - freepatentsonline.com

... That **document**, referred to herein as the "BSDL ... be used by a **scan-oriented automatic**

program **generation** ... or not the IC's boundary **scan** implementation includes ...

[Cited by 12](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

### The Hyperbase Developer's Toolkit

J Robertson, K Foong - Proceedings of the International Multimedia Symposium, Perth ..., 1992 - [ascilite.org.au](#)

... The cost of having a person **scan** in the ... **Automatic** text indexing using complex identifiers. Proceedings ACM Conference on **Document** Processing Systems, Santa Fe ...

[Cited by 2](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

### Building a hypertextual digital library in the humanities: a case study on London - all 17 versions »

G Crane, DA Smith, CE Wulfman - Proceedings of the 1st ACM/IEEE-CS joint conference on ..., 2001 - [portal.acm.org](#)

... of digital libraries now routinely **scan** their source ... works are much scarcer than general **documents**. ... the aggregate pool of potential **automatic links** slower still ...

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Key authors: [B Sotomayor](#) - [C Gutwin](#) - [F Halasz](#) - [G Paynter](#) - [I Witten](#)

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### [Automatic construction and management of large open webs - all 6 versions »](#)

P Thistlewaite - Information Processing and Management, 1997 - Elsevier

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### [Techniques for changing the behavior of a link in a hypertext document - all 2 versions »](#)

J Logan, DV Carroll, CG Call - US Patent 5,761,683, 1998 - freepatentsonline.com

... This **automatic** suppression of the display of visual cues in ... 9. The current hypertext page is **scanned**, beginning at the start of the **document**, for the first ...

[Cited by 40](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

### [\[PS\] Microcosm: An open hypermedia environment for information integration - all 9 versions »](#)

H Davis, W Hall, I Heath, G Hill, R Wilkins - Proc. ECHT, 1992 - mmrg.ecs.soton.ac.uk

... to show-links the viewer would **scan** the visible ... The most recent version of a **document** must always be ... Where **automatic** processes such as the algorithm above have ...

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### [Software system and associated methods for scanning and mapping dynamically-generated web documents - all 2 versions »](#)

M Pogrebisky, A Weinberg - US Patent 5,958,008, 1999 - freepatentsonline.com

... is obtained by Astra during the **scanning** process, and ... the user initiates an **Automatic Update**, Astra uses ... with each previously-mapped HTML **document** to determine ...

[Cited by 38](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

### [Automatic thesaurus generation for Chinese documents - all 5 versions »](#)

YH Tseng - Journal of the American Society for Information Science and ..., 2002 - doi.wiley.com

... terms are clustered with some **automatic** processes, such ... Thus, the text is **scanned** only once without considering ... Figure 1 shows a Chinese **document**, its keywords ...

[Cited by 30](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [Author-oriented link management - all 5 versions »](#)

ML Creech - Computer Networks and ISDN Systems, 1996 - Elsevier

... whole subsection, or restructure his **document** in some ... informa- tion for performing **automatic link** repair ... web-walk continues recursively **scanning** the HTML pages ...

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### [\[PS\] Integrating natural language generation and hypertext to produce dynamic documents - all 6 versions »](#)

R Dale, J Oberlander, M Milosavljevic, A Knott - Interacting with Computers, 1998 - cs.otago.ac.nz

... In summary, natural language **generation** techniques provide eective ... of the **document** source) are inter{correlated on ... based vectors, and a **link** is formed between ...

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### [Entry points into a smart campus environment-overview of the ETHOC system - all 10 versions »](#)

M Rohs, R Bohn - Distributed Computing Systems Workshops, 2003. Proceedings. ..., 2003 - ieeeexplore.ieee.org

... operation later on, including an **automatic** synchronization of ... a small and handy wireless bar- code **scanner**. ... system we mainly dealt with **document**-type objects ...

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[... reference links from a first construction \*\*document\*\* to a related secondary construction \*\*document\*\* - all 3 versions »](#)

GM Krause, BE Marrow - US Patent 5,907,850, 1999 - [freepatentsonline.com](#)

... and blocking of a frame 36 from a secondary **document**. ... In **automatic** up date mode, every time the mouse pointer ... example, a blueprint file may be **scanned** at 200 ...

[Cited by 18](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

[A Multimedia Authoring-in-the-Large Environment to Support Complex Product Documentation - all 3 versions »](#)

LH Hsu, P Liu, T Dawidowsky - Multimedia Tools and Applications, 1999 - Springer

... photos, **scanned**-in CAD drawings, **scanned**-in paper ... **Automatic** assembly of multimedia product manuals ... product manual structure by moving **document** objects around ...

[Cited by 18](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Key authors: [J Logan](#) - [A Weinberg](#) - [D Carroll](#) - [C Call](#) - [R Dale](#)


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**Computer Networks and ISDN Systems**

Volume 28, Issues 7-11, May 1996, Pages 1015-1025






Proceedings of the Fifth International World Wide Web Conference 6-10 May 1996

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 E-mail Article Export Citation Cited By Add to my Quick Links Save as Citation Alert Add to  Citation Feed Request Permission Cited By in Scopus (4)**Author-oriented link management**Michael L. Creech 

Hewlett-Packard Laboratories, 1501 Page Mill Rd.,  
MS IU-17, Palo Alto, CA 94304-1126, USA  
Available online 23 November 1999.

**Abstract**

Currently, a major issue with the World Wide Web (WWW) is link management—keeping web structures consistent whenever pages are moved, deleted, or changed. This paper describes a link management technique that helps authors ensure the consistency of their content. This technique, called the change log table/web-walk (CLT/WW) approach, is based on web operations that log the gross changes made by authors to their web pages. We discuss the interesting properties of this approach, including: managing cross-site linking of many web sites, ease of integration into existing content management systems, and decoupling web operations from link management. The issues surrounding this technique and potential extensions to this approach are also discussed.

**Keywords:** Author-oriented link management;  
WWW; Web authoring; Enterprise; Change log table;

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